

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030917\
 Data File : BM009148.D
 Acq On : 09 Mar 2017 16:45
 Operator : SJ/MA
 Sample : I2069-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA0

Manual Integrations
 APPROVED

mohammad
 3/10/2017 6:01:09 PM

Quant Time: Mar 09 17:31:45 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 02:44:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	204	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	652	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	392	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	907m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	986	0.40	ng/ul	0.00
20) Perylene-d12	23.78	264	1087m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	226	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	620	0.22	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.73	128	215	0.11	ng/ul#	53
5) 2-Methylnaphthalene	12.34	142	147	0.11	ng/ul	95
12) Phenanthrene	17.30	178	651m	0.23	ng/ul	
15) Fluoranthene	19.32	202	1148	0.31	ng/ul	94
17) Pyrene	19.68	202	1511	0.45	ng/ul	93
18) Benzo(a)anthracene	21.42	228	668	0.20	ng/ul#	88
19) Chrysene	21.47	228	713	0.23	ng/ul#	86
21) Benzo(b)fluoranthene	23.07	252	1120m	0.26	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	280m	0.07	ng/ul	
23) Benzo(a)pyrene	23.67	252	583m	0.15	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	475m	0.10	ng/ul	
26) Benzo(g,h,i)perylene	26.89	276	461m	0.11	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

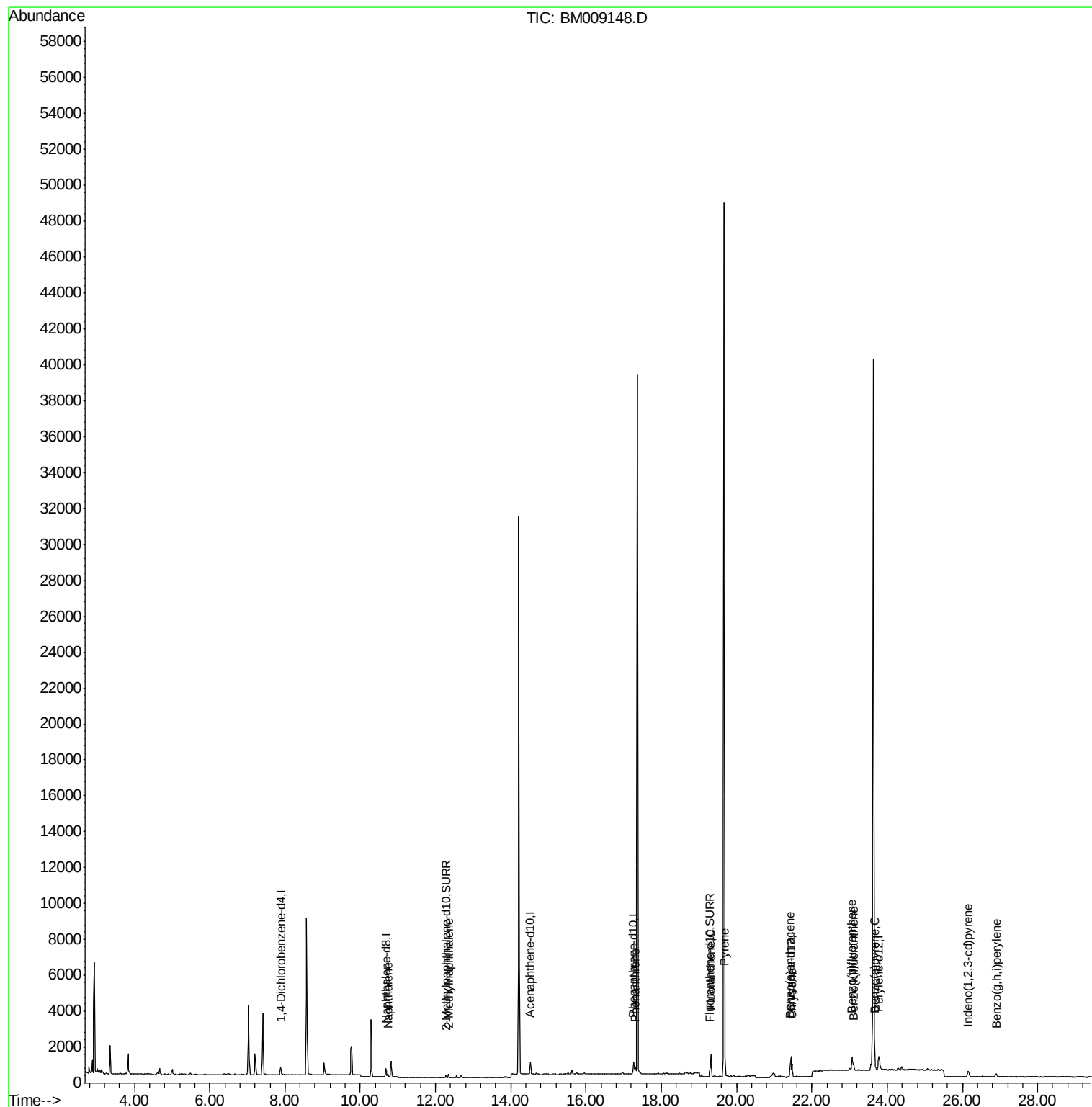
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030917\
Data File : BM009148.D
Acq On : 09 Mar 2017 16:45
Operator : SJ/MA
Sample : I2069-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

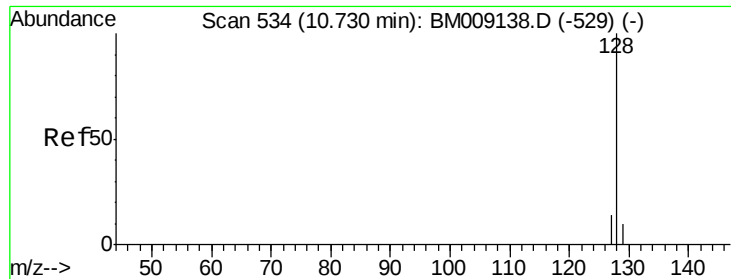
Instrument :
BNA_M
ClientSampleId :
C0AA0

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Response via : Initial Calibration





#3

Naphthalene

Concen: 0.11 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. 0.00 min

Lab File: BM009148.D

Acq: 09 Mar 2017 16:45

Instrument :

BNA_M

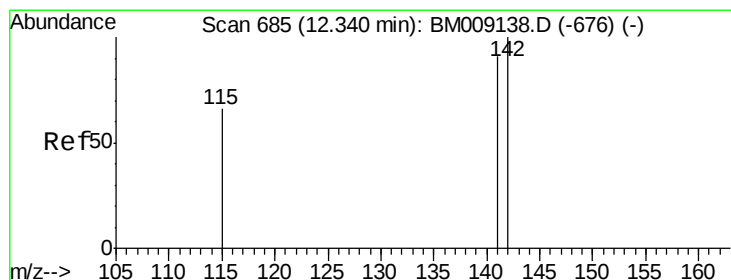
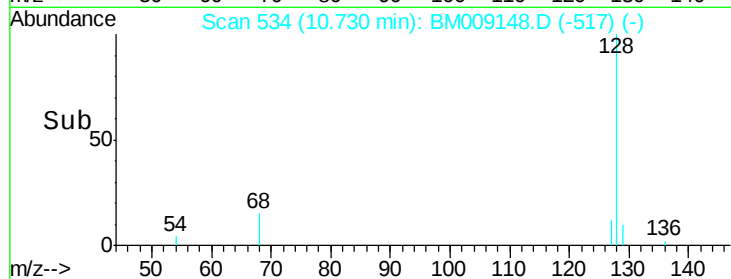
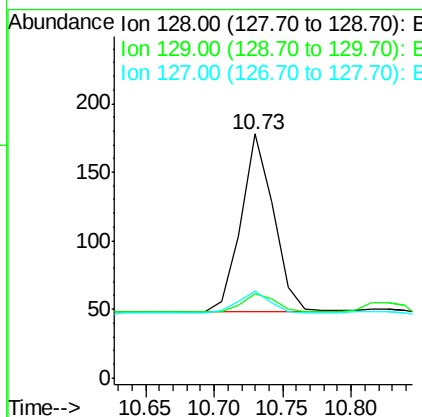
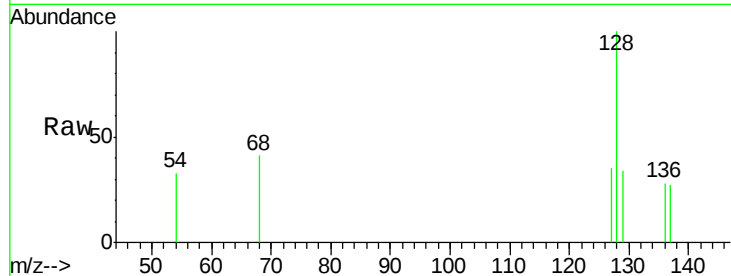
ClientSampleId :

C0AA0

Tgt Ion:	128	Resp:	215
Ion	Ratio	Lower	Upper
128	100		
129	34.3	11.3	16.9#
127	35.4	12.8	19.2#

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#5

2-Methylnaphthalene

Concen: 0.11 ng/ul

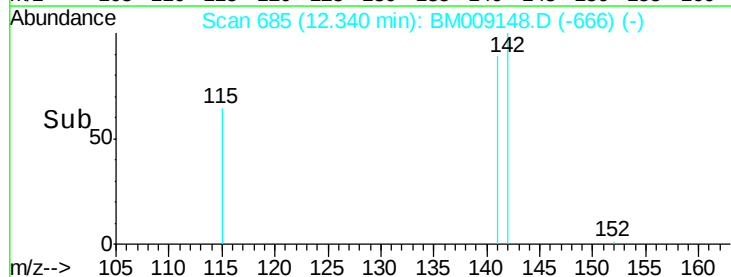
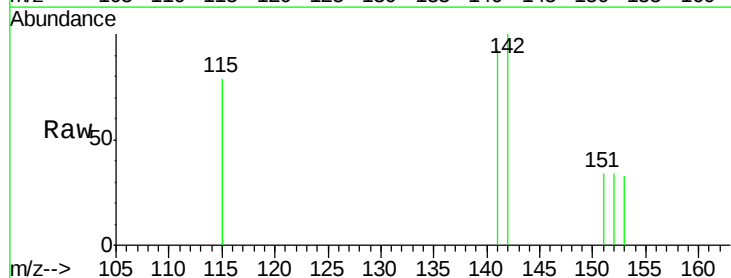
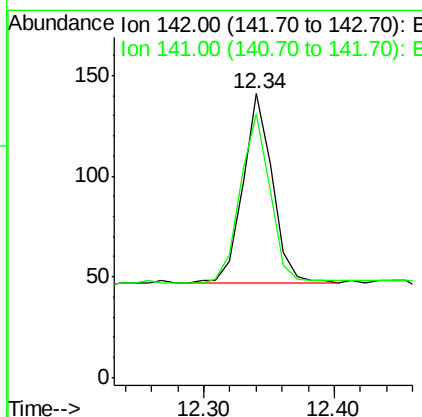
RT: 12.34 min Scan# 685

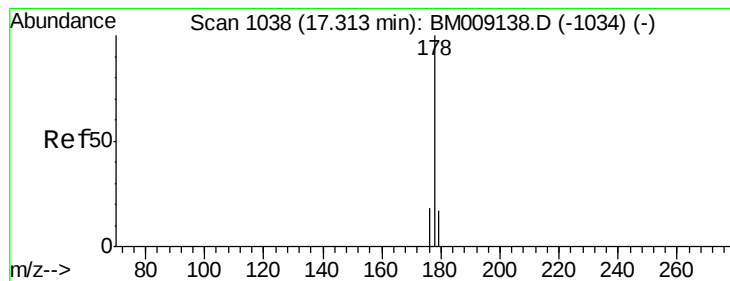
Delta R.T. 0.00 min

Lab File: BM009148.D

Acq: 09 Mar 2017 16:45

Tgt Ion:	142	Resp:	147
Ion	Ratio	Lower	Upper
142	100		
141	95.2	72.6	108.8





#12

Phenanthrene

Concen: 0.23 ng/ul m

RT: 17.30 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BM009148.D

Acq: 09 Mar 2017 16:45

Instrument :

BNA_M

ClientSampleId :

C0AA0

Tgt Ion:178 Resp: 651

Ion Ratio Lower Upper

178 100

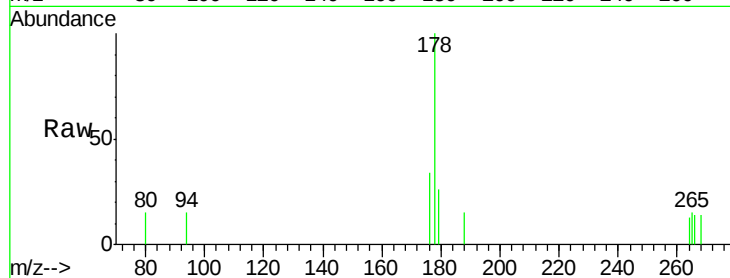
176 34.4 18.4 27.6#

179 25.9 13.6 20.4#

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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.30

300

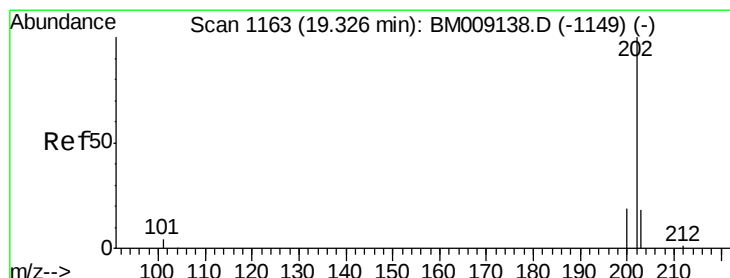
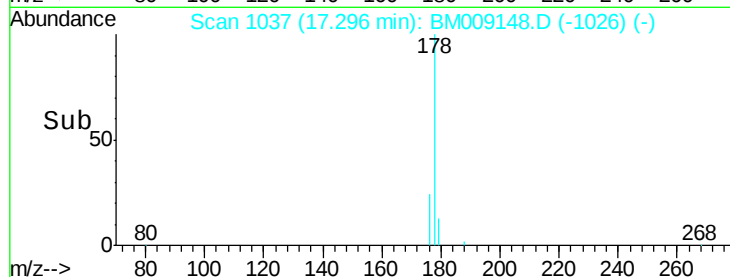
200

100

0

17.25 17.30 17.35

Time-->



#15

Fluoranthene

Concen: 0.31 ng/ul

RT: 19.32 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BM009148.D

Acq: 09 Mar 2017 16:45

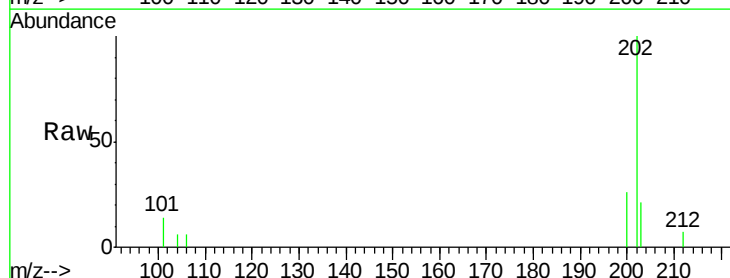
Tgt Ion:202 Resp: 1148

Ion Ratio Lower Upper

202 100

101 13.7 0.0 30.3

203 21.5 0.0 39.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.32

1200

1000

800

600

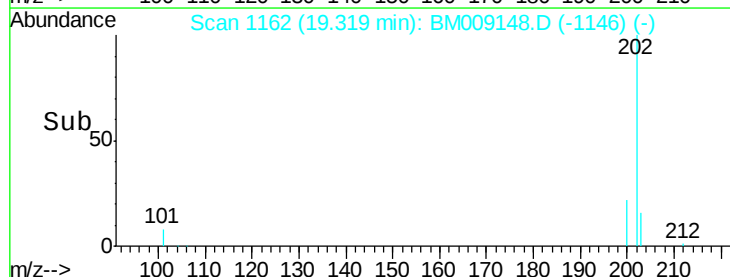
400

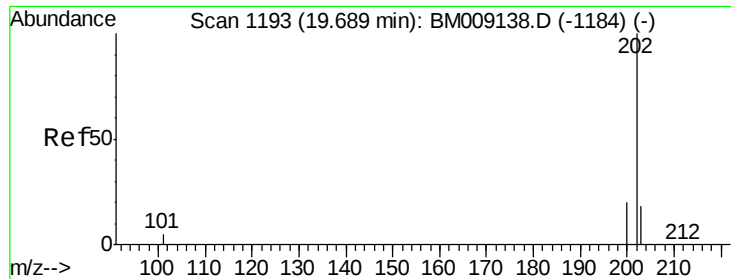
200

0

19.25 19.30 19.35 19.40

Time-->





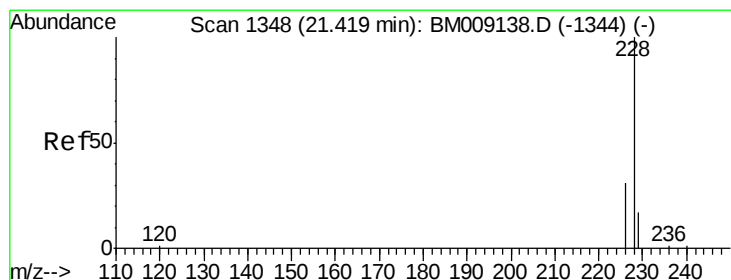
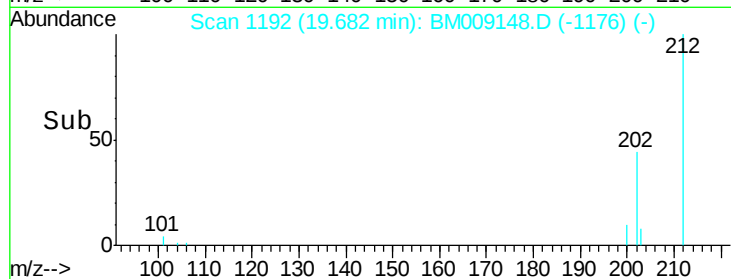
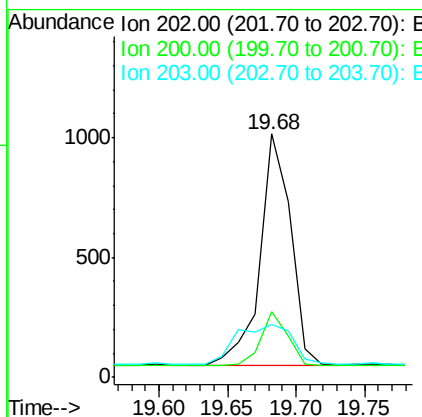
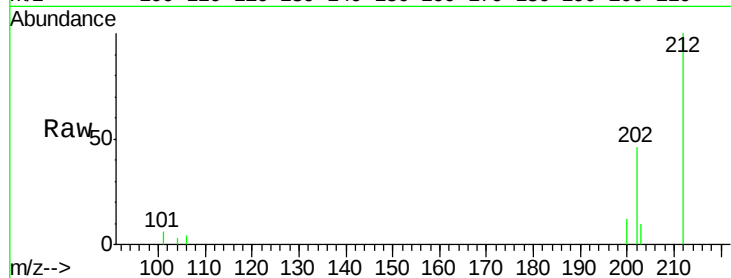
#17
Pyrene
Concen: 0.45 ng/ul
RT: 19.68 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BM009148.D
Acq: 09 Mar 2017 16:45

Instrument :
BNA_M
ClientSampled :
C0AA0

Tgt Ion	Ratio	Lower	Upper
202	100		
200	27.2	18.2	27.4
203	21.6	15.6	23.4

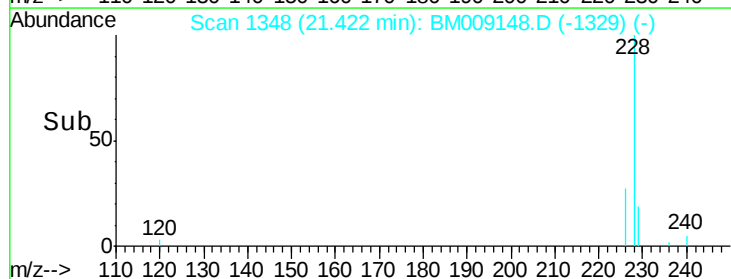
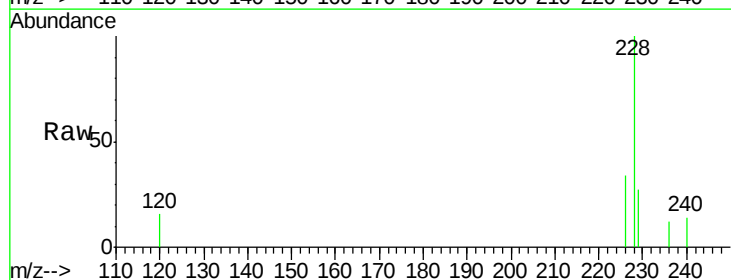
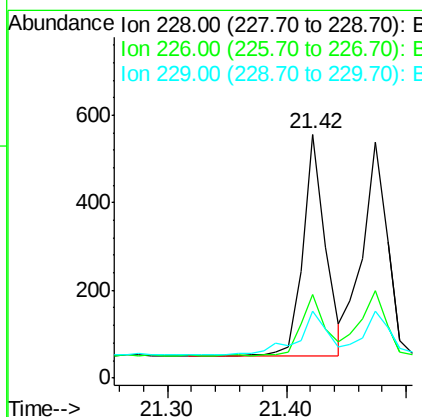
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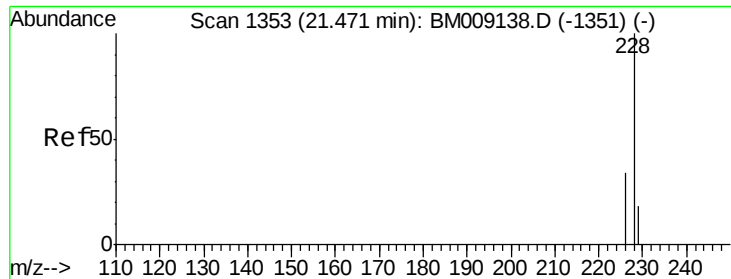
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#18
Benzo(a)anthracene
Concen: 0.20 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BM009148.D
Acq: 09 Mar 2017 16:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.4	22.8	34.2#
229	27.3	17.0	25.6#





#19

Chrysene

Concen: 0.23 ng/ul

RT: 21.47 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BM009148.D

Acq: 09 Mar 2017 16:45

Instrument :

BNA_M

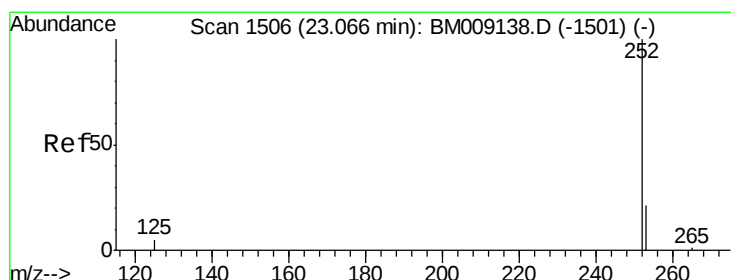
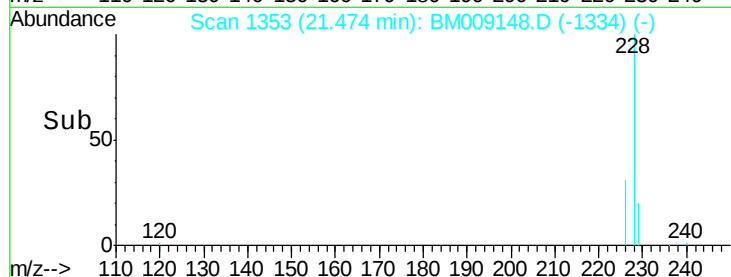
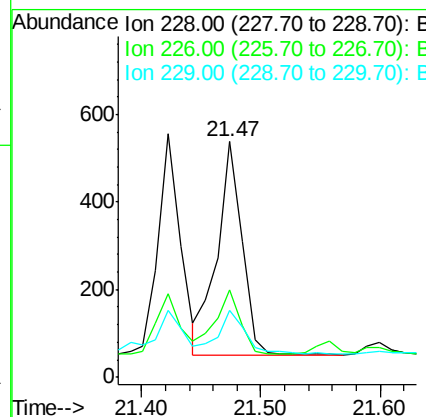
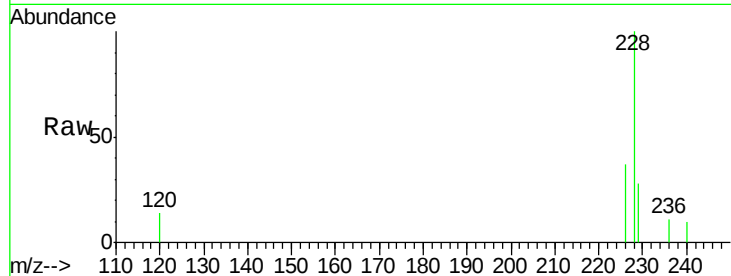
ClientSampleId :

C0AA0

Tgt Ion:	228	Resp:	713
Ion Ratio	Lower	Upper	
228	100		
226	37.1	23.4	35.0#
229	28.5	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.26 ng/ul m

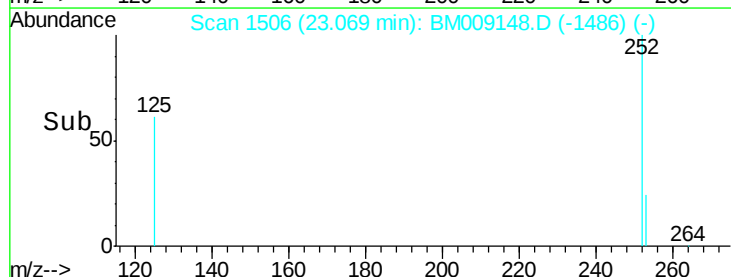
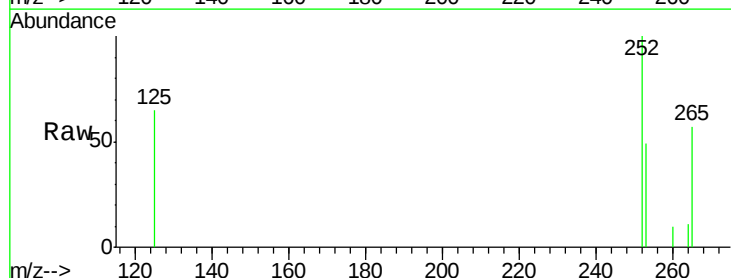
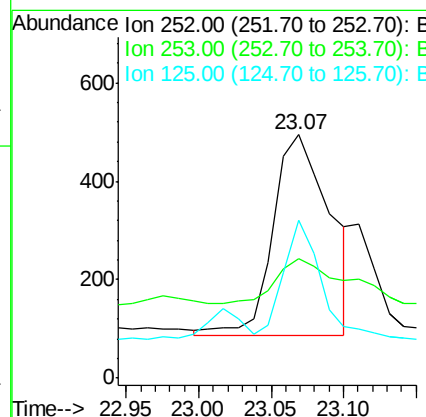
RT: 23.07 min Scan# 1506

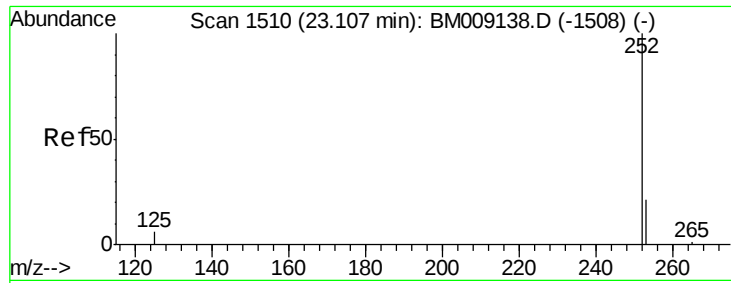
Delta R.T. 0.00 min

Lab File: BM009148.D

Acq: 09 Mar 2017 16:45

Tgt Ion:	252	Resp:	1120
Ion Ratio	Lower	Upper	
252	100		
253	49.3	0.0	64.2
125	64.6	0.0	35.0#





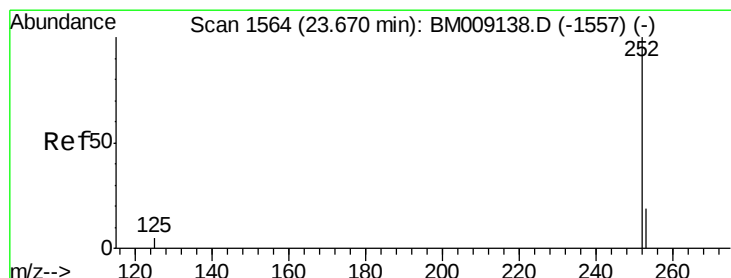
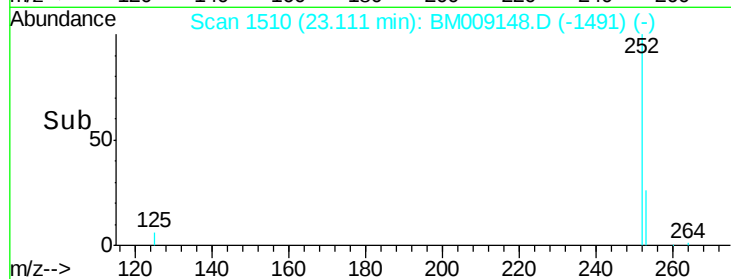
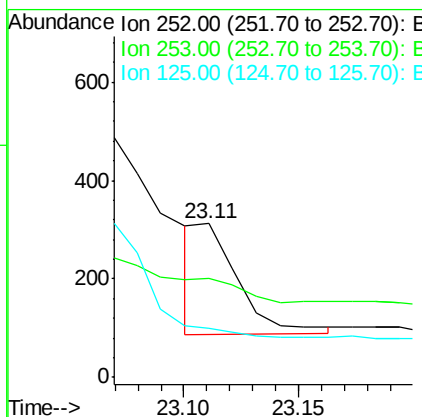
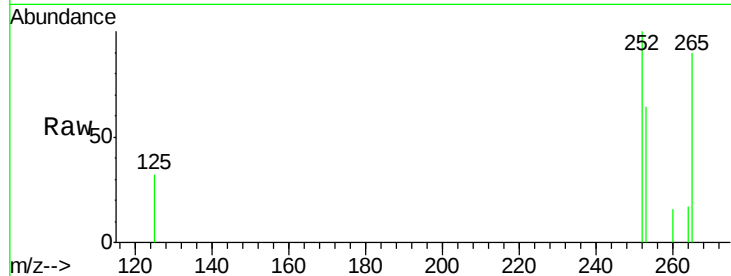
#22
Benzo(k)fluoranthene
Concen: 0.07 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BM009148.D
Acq: 09 Mar 2017 16:45

Instrument :
BNA_M
ClientSampleId :
C0AA0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	64.4	24.5	36.7#
125	31.7	13.7	20.5#

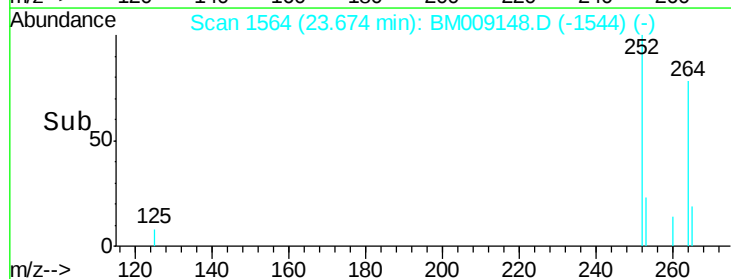
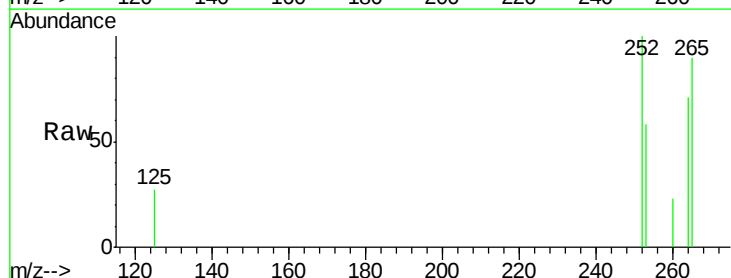
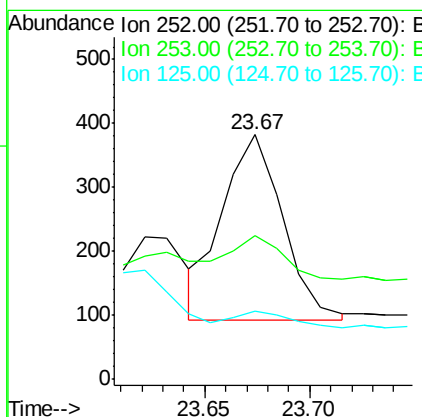
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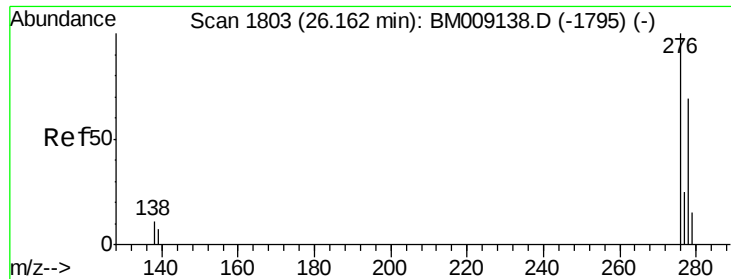
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#23
Benzo(a)pyrene
Concen: 0.15 ng/ul m
RT: 23.67 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BM009148.D
Acq: 09 Mar 2017 16:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	58.4	28.5	42.7#
125	27.5	18.1	27.1#





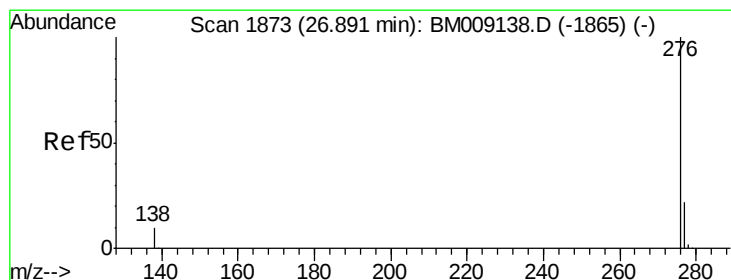
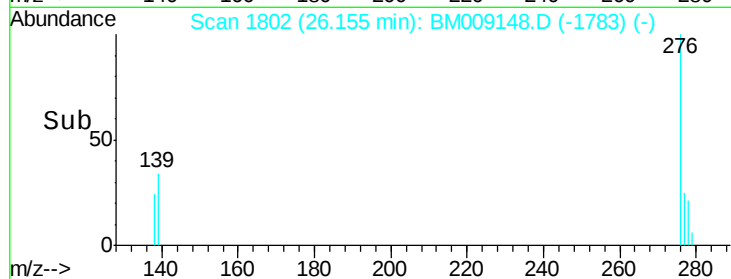
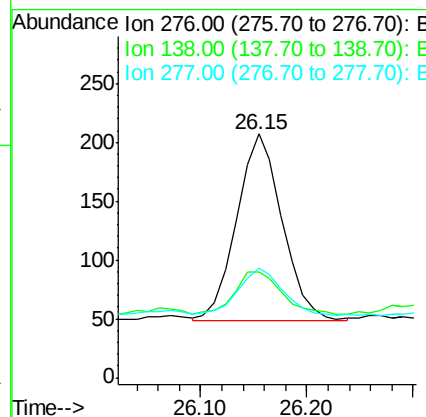
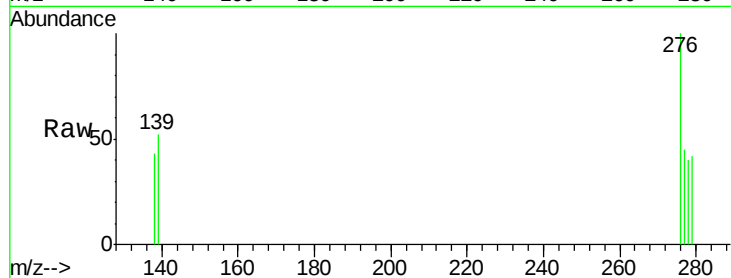
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.10 ng/ul m
 RT: 26.15 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: BM009148.D
 Acq: 09 Mar 2017 16:45

Instrument :
 BNA_M
 ClientSampleId :
 C0AA0

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.1	28.7#
277	0.6	19.6	29.4#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.11 ng/ul m
 RT: 26.89 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: BM009148.D
 Acq: 09 Mar 2017 16:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	46.8	21.8	32.8#
138	35.5	20.5	30.7#

